

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|-----------|---|--|
| 11 | BRS | L12 | 1505 1 | pigment adj dispersion | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 12 | BRS | L13 | 285 | 12 and modified adj pigment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 13 | BRS | L14 | 46 | 12.clm. and modified adj pigment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 14 | BRS | L15 | 129 | 12 same (amount or weight or wt\$2 or part) near5 (pigment or carbon adj black)and modified adj pigment | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 15 | IS&R | L16 | 1938 | ((523/160) or (523/161)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 16 | BRS | L17 | 44 | (12 same (amount or weight or wt\$2 or part) near5 (pigment or carbon adj black)).clm. and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|-----------|---|--|
| 17 | BRS | L18 | 9 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 (hydrocarbon or polyalkylene or polyethylene or polybutylene or polyisobutylene or polypropylene or long adj chain adj hydrocarbon) near10 dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 18 | BRS | L19 | 999 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 19 | BRS | L20 | 631 | 19 and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 20 | BRS | L21 | 1020 2 | dispersant same (hydrocarbon adj polymer or polyalkylene or polyethylene or polybutylene or polyisobutylene or polypropylene or long adj chain adj hydrocarbon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 21 | BRS | L22 | 155 | 19 and 21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 22 | BRS | L23 | 0 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 hydrocarbon adj dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 23 | BRS | L24 | 2184 | dispersant same (hydrocarbon adj polymer or polybutylene or polyisobutylene or long adj chain adj hydrocarbon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 24 | BRS | L25 | 9 | 19 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 25 | BRS | L26 | 378 | (chromophore or pigment or dye or carbon adj black) near5 react\$3 near5 dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 26 | BRS | L27 | 3 | 26 and 24 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 27 | BRS | L28 | 2 | 26 and hydrocarbon adj dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 28 | BRS | L29 | 58 | 26 and 21 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 29 | BRS | L30 | 4 | (chromophore or pigment or dye or carbon adj black) near5 react\$3 near5 (hydrocarbon or polyalkylene or polyethylene or polybutylene or polyisobutylene or polypropylene or long adj chain adj hydrocarbon) near10 dispersant | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 30 | BRS | L31 | 684 | (chromophore or pigment or dye or carbon adj black) near5 react\$3 near5 (hydrocarbon or polyalkylene or polyethylene or polybutylene or polyisobutylene or polypropylene or long adj chain adj hydrocarbon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|-----------|---|--|
| 31 | BRS | L32 | 123 | 31 and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 32 | BRS | L33 | 5144 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 polymer | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 33 | BRS | L34 | 3240 9 | polymer same (polybutylene or polyisobutylene or long adj chain adj hydrocarbon) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 34 | BRS | L35 | 222 | 33 and 34 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 35 | IS&R | L36 | 2605 | ((524/579) or (524/580) or (524/582) or (524/583) or (524/584) or (524/585) or (524/586)).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 36 | BRS | L37 | 0 | 36 and 19 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|-----------|---|--|
| 37 | BRS | L38 | 17 | 36 and 33 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 38 | BRS | L39 | 3524 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3 or modified) and (inkjet or ink near3 jet) and viscosity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 39 | BRS | L40 | 480 | 39 and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 40 | BRS | L41 | 7355 1 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3 or modified) (polymer or resin or dispersant) and (inkjet or ink near3 jet) and viscosity and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 41 | BRS | L42 | 219 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3 or modified) near5 (polymer or resin or dispersant) and (inkjet or ink near3 jet) and viscosity and 16 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|--|
| 42 | BRS | L43 | 1 | gb-1108261-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 43 | BRS | L44 | 1 | 1968-25441P.NRAN. | DERWENT |
| 44 | BRS | L45 | 1 | gb-1096912-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 45 | BRS | L46 | 1 | 1968-25441P.NRAN. | DERWENT |
| 46 | BRS | L47 | 1 | 1968-34073P.NRAN. | DERWENT |
| 47 | BRS | L48 | 1 | gb-1424517-\$.did. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 48 | IS&R | L49 | 8 | (("3382297") or ("3433753")).PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 49 | BRS | L50 | 2 | 49 and molecular adj weight | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|--|
| 50 | BRS | L51 | 2 | 50 and (polyethylene or polybutylene or polyisobutylene or polypropylene or ethylene or propylene or isobutylene) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 51 | BRS | L52 | 2 | 49 and styrene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 52 | BRS | L53 | 89 | printing adj ink same pigment adj dispersion same viscosity | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 53 | BRS | L54 | 6 | printing adj ink same pigment adj dispersion same viscosity near5 (cp! or cps! or mpa! or mpas!) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 54 | BRS | L55 | 50 | printing adj ink and pigment adj dispersion same viscosity near5 (cp! or cps! or mpa! or mpas!) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 55 | BRS | L57 | 331 | cabot.asn. and (polystyrene or styrene) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 56 | BRS | L56 | 339 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 (polystyrene or styrene) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 57 | BRS | L59 | 9 | 16 and 57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 58 | BRS | L58 | 124 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) and 57 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 59 | BRS | L60 | 100 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 (polymer\$2 or organic) and (polymer\$2 or organic) same (polystyrene or styrene) and cabot.asn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 60 | IS&R | L61 | 1025 | (524/577).CCLS. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|---|--|
| 61 | BRS | L62 | 3 | 56 and 61 | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 62 | BRS | L63 | 125 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 (polystyrene) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 63 | BRS | L64 | 17 | (chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3 or react\$3) near5 dispersant and dispersant with polystyrene | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 64 | BRS | L65 | 108 | cabot.asn. and (polystyrene or styrene) same (pigment or carbon adj black) | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 65 | BRS | L66 | 31 | ((chromophore or pigment or dye or carbon adj black) near5 (link\$3 or bond\$3 or attach\$3 or treat\$4 or graft\$3) near5 polymer\$2).ab. and cabot.asn. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |

| | Type | L # | Hits | Search Text | DBs |
|----|------|-----|------|--|--|
| 66 | BRS | L67 | 106 | 56 and ink | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |
| 67 | BRS | L68 | 37 | ("4137243" "4141684" "446 8255" "5100471" "5135972" "5177200" "5262269" "527 0363" "5419800" "5766268" "5789515" "6022944" "603 4158" "6106597" "6187085" "6287348" "6451071" "645 2020" "6486248" "6508873") .PN. | US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB |